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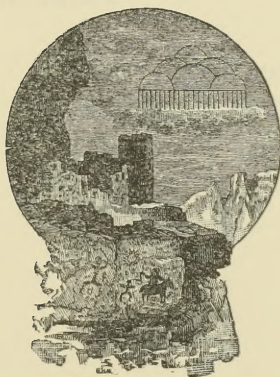
SMITHSONIAN INSTITUTION  
BUREAU OF AMERICAN ETHNOLOGY  
BULLETIN 178

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INDEX TO BULLETINS 1-100  
OF THE BUREAU OF AMERICAN ETHNOLOGY

With Index to Contributions to North American  
Ethnology, Introductions, and Miscellaneous Publications

By BIREN BONNERJEA



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## LETTER OF TRANSMITTAL

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SMITHSONIAN INSTITUTION,  
BUREAU OF AMERICAN ETHNOLOGY,  
*Washington, D.C., June 29, 1959.*

SIR: I have the honor to transmit herewith a manuscript entitled "Index to Bulletins 1-100 of the Bureau of American Ethnology, with Index to Contributions to North American Ethnology, Introductions, and Miscellaneous Publications," by Biren Bonnerjea, and to recommend that it be published as a bulletin of the Bureau of American Ethnology.

Very respectfully yours,

FRANK H. H. ROBERTS, JR.  
*Director.*

Dr. LEONARD CARMICHAEL,  
*Secretary, Smithsonian Institution.*



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## THEORY

### 1. INTRODUCTION

The purpose of this paper is to present a new method for the determination of the rate of reaction between a solid and a liquid. The method is based on the measurement of the change in the concentration of the solid phase during the reaction. The reaction is assumed to be of the type  $A + B \rightarrow C$ , where  $A$  is the solid phase,  $B$  is the liquid phase, and  $C$  is the product. The rate of reaction is defined as the change in the concentration of  $A$  per unit time. The method involves the measurement of the concentration of  $A$  at different times during the reaction. The concentration of  $A$  is determined by measuring the weight of the solid phase before and after the reaction. The rate of reaction is then calculated from the change in weight of  $A$  and the time interval. The method is applicable to reactions of the type  $A + B \rightarrow C$  where  $A$  is a solid and  $B$  is a liquid. The method is simple and accurate and can be used for the determination of the rate of reaction between a solid and a liquid.

### 2. EXPERIMENTAL

The reaction was carried out in a glass vessel of known volume. The solid phase was weighed and placed in the vessel. The liquid phase was added and the reaction was allowed to proceed for a known time. The solid phase was then removed and weighed. The change in weight of the solid phase was used to calculate the rate of reaction.

## FOREWORD

This volume was prepared by the late Dr. Bonnerjea after he had completed an index of the Annual Reports of the Bureau of American Ethnology, published as the paper accompanying the Forty-eighth Annual Report, Washington, 1933. The present work contains an index of Bulletins 1 through 100 and of other publications of the Bureau. Unfortunately its printing has long been delayed because of insufficient funds. Even at this late date, however, it will prove useful to students and the general reader.

The style followed by the author is essentially the same, with slight additions and modifications, as that used for the index to the Annual Reports of the Bureau. The present volume is divided into five parts. The first is devoted to a subject index for the Bulletins; the second is an index to the authors and titles of the Bulletins; the third provides an alphabetical index for all the plates and text figures in the Bulletins; the fourth is an index to the ethnological material to be found in the Contributions to North American Ethnology, the Introductions, and the Miscellaneous Publications of the Bureau; and the fifth is an index to the authors and titles of the last three series.

In commenting on the fourth part of this volume, Dr. Bonnerjea stated that it was not originally intended to include the Contributions to North American Ethnology, Introductions, and Miscellaneous Publications in the index, but the late Drs. John R. Swanton and Truman Michelson, with whom plans for the work were discussed, suggested that the usefulness of the index would be further enhanced by including references to the ethnological material contained in the three series. Since their contents are all more or less of an ethnological nature, making an index of the ethnological material would provide a virtually complete index of the papers themselves. After careful consideration of the problem, Dr. Bonnerjea decided that it was necessary to restrict himself mainly to what he considered the most important ethnological material, but he expressed the hope that he had not overlooked items of linguistic, somatological, sociological, and religious interest. Another reason which he gave for the less detailed coverage of this material was that most of the volumes of these series had long been out of print and were not readily accessible.

Dr. Bonnerjea was especially appreciative of the interest, suggestions, and advice of Dr. Matthew W. Stirling, then chief of the Bureau, Dr. John R. Swanton, and Dr. Truman Michelson. He also indicated that he was fully aware of imperfections in his work, but ventured the hope that it would be useful to people searching through the maze of otherwise hard-to-find information contained in the volumes.

FRANK H. H. ROBERTS, JR.



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## PART 2. LIST OF BULLETINS 1-100 AND INDEX TO AUTHORS AND TITLES

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### INTRODUCTION

The Bureau of [American] Ethnology was organized in 1879, and was placed by Congress under the supervision of the Smithsonian Institution. Its publications consist of Contributions to North American Ethnology, Annual Reports, Bulletins, Introductions, and Miscellaneous Publications.

In August 1886, the director of the Bureau was authorized by joint resolution of Congress to begin the publication of a series of bulletins, which were issued in octavo form and in paper covers, and in July 1888 the continuation of the series was authorized by concurrent resolution. The issue terminated in 1894, and provision for publishing the bulletins was omitted from the public printing law of January 12, 1895. Up to that time 24 bulletins had been published, each under a special title and without any serial number.<sup>1</sup> From 1895 to 1900 no bulletins were published.

In 1900 the Congress authorized the resumption of publication in bulletin form by a concurrent resolution, adopted by the House of Representatives on April 7, and by the Senate on April 27. This resolution is as follows:

*Resolved by the House of Representatives (the Senate concurring), That there be printed at the Government Printing Office eight thousand copies of any matter furnished by the Director of the Bureau of American Ethnology relating to researches and discoveries connected with the study of American aborigines, the same to be issued as bulletins uniform with the annual reports, one thousand five hundred of which shall be for the use of the Senate, three thousand for the House of Representatives, and three thousand five hundred for distribution by the Bureau.*

Pursuant to this authority, Bulletins 25, 26, and 27 were issued in royal octavo form, and in February 1903, by joint resolution of Congress, the octavo form was again resumed. From that time to 1931, Bulletins 28, 29, 30 (in two parts<sup>2</sup>), 31-39, 40 (in two parts),

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<sup>1</sup> These bulletins have been indexed in the present volume as Bulletins 1-24.

<sup>2</sup> By concurrent resolution of Congress in August 1912, a reprint of Bulletin 30 was ordered in an edition of 6,500 copies, of which 4,000 were for the use of the House of Representatives, 2,000 for the use of the Senate, and 500 for the use of the Bureau of American Ethnology.



and 41-100 appeared. The Smithsonian edition of the Bureau of American Ethnology Bulletins varies from 2,500 to 3,500. Approximately 600 copies are also printed for distribution to designated public depositories.<sup>3</sup> In addition, the Government Printing Office prints Bureau of American Ethnology Bulletins for their stock and sells them at a slight advance over the cost.

With the exception of the copies of the publications of the Bureau disposed of by the Superintendent of Documents, the edition is distributed free of charge. The quota allowed the Bureau is distributed mainly to libraries and other institutions of learning and to collaborators and others engaged in anthropological research or in instruction.

#### LIST OF BULLETINS 1-100

1. Bibliography of the Eskimo language, by James Constantine Pilling. 8°. v, 116 pp. (incl. 8 pp. of facsimiles). 1887. *Out of print.*
2. Perforated stones from California, by Henry W. Henshaw. 8°. 34 pp., 16 figs. 1887. *Out of print.*
3. The use of gold and other metals among the ancient inhabitants of Chiriqui, Isthmus of Darien, by William Henry Holmes. 8°. 27 pp., 22 figs. 1887. *Out of print.*
4. Work in mound exploration of the Bureau of Ethnology, by Cyrus Thomas. 8°. 15 pp., 1 fig. 1887. *Out of print.*
5. Bibliography of the Siouan language, by James Constantine Pilling. 8°. v, 87 pp. 1887. *Out of print.*
6. Bibliography of the Iroquoian languages, by James Constantine Pilling. 8°. vi, 208 pp. (incl. 4 pp. facsimiles), 5 unnumbered facsimiles. 1888 [1889]. *Out of print.*
7. Textile fabrics of ancient Peru, by William Henry Holmes. 8°. 17 pp., 11 figs. 1889. *Out of print.*
8. The problem of the Ohio mounds, by Cyrus Thomas. 8°. 54 pp., 8 figs. 1889. *Out of print.*
9. Bibliography of the Muskogean languages, by James Constantine Pilling. 8°. v, 114 pp. 1889. *Out of print.*
10. The circular, square, and octagonal earthworks of Ohio, by Cyrus Thomas. 8°. 35 pp., 11 pls., 5 figs. 1889. *Out of print.*
11. Omaha and Ponka letters, by James Owen Dorsey. 8°. 127 pp. 1891. *Out of print.*
12. Catalogue of prehistoric works east of the Rocky Mountains, by Cyrus Thomas. 8°. 246 pp., 17 pls. (all maps). 1891. *Out of print.*

<sup>3</sup> Each Senator, Representative, and Delegate in Congress is entitled to designate one depository to receive all public documents (see Annual Reports of the Superintendent of Documents, Government Printing Office).

13. Bibliography of the Algonquian languages, by James Constantine Pilling. 8°. x, 614 pp., 82 facsimiles. 1891 [1892]. *Out of print.* [In separate form:] Bibliographic notes on Eliot's Indian Bible and on his other translations and works in the Indian language of Massachusetts. 4°. 60 pp., 21 pls. (facsimiles). 1890. *Out of print.*
14. Bibliography of the Athapascan languages, by James Constantine Pilling. 8°. xiii, 125 pp. (incl. 4 pp. facsimiles). 1892. *Out of print.*
15. Bibliography of the Chinookan languages (including the Chinook jargon), by James Constantine Pilling. 8°. xiii, 81 pp. (incl. 3 pp. facsimiles). 1893. *Out of print.*
16. Bibliography of the Salishan languages, by James Constantine Pilling. 8°. xiii, 86 pp. (incl. 4 pp. facsimiles). 1893. *Out of print.*
17. The Pamunkey Indians of Virginia, by Jno. Garland Pollard. Preface by W J McGee. 8°. 19 pp. 1894. *Out of print.*
18. The Maya year, by Cyrus Thomas. Prefatory note by W J McGee. 8°. 64 pp., 1 pl. 1894. *Out of print.*
19. Bibliography of the Wakashan languages, by James Constantine Pilling. 8°. xi, 70 pp. (incl. 2 pp. facsimiles). 1894. *Out of print.*
20. Chinook texts, by Franz Boas. 8°. 278 pp., 1 pl. 1894 [1895]. *Out of print.*
21. An ancient quarry in Indian Territory, by William Henry Holmes. 8°. 19 pp., 12 pls., 7 figs. 1854. *Out of print.*
22. The Siouan tribes of the East, by James Mooney. 8°. 101 pp., map. 1894 [1895]. *Out of print.*
23. Archeologic investigations in James and Potomac Valleys, by Gerard Fowke. 8°. 80 pp., 17 figs. 1894 [1895]. *Out of print.*
24. List of the publications of the Bureau of Ethnology, with index to authors and subjects, by Frederick Webb Hodge. 8°. 25 pp. 1894. *Out of print.*
25. Natick dictionary, by James Hammond Trumbull [with an introduction by Edward Everett Hale]. Roy. 8°. xxviii, 349 pp. 1903. *Out of print.*
26. Kathlamet texts, by Franz Boas. Roy. 8°. 261 pp., 1 pl. 1901.
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PART 5. LIST OF CONTRIBUTIONS TO NORTH AMERICAN ETHNOLOGY, INTRODUCTIONS, AND MISCELLANEOUS PUBLICATIONS, AND INDEX TO AUTHORS AND TITLES

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CONTRIBUTIONS TO NORTH AMERICAN ETHNOLOGY

*(All volumes of this series except vol. 6 are out of print)*

Contributions to North American ethnology, by J. W. Powell, Geologist in Charge, Geographical and Geological Survey of the Rocky Mountain Region, U.S. Department of the Interior. 4°. Vols. 1-3.

Contributions to North American ethnology, by J. W. Powell, Director, Bureau of [American] Ethnology, Smithsonian Institution. 4°. Vols. 4-7, 9.

Volume 1, 1877:

Part I. Tribes of the extreme Northwest, by W. H. Dall. Pp. 1-156, 10 unnumbered pls., 9 unnumbered figs., pocket map.

On the distribution and nomenclature of the native tribes of Alaska and the adjacent territory. Pp. 7-40, pocket map.

On succession in the shell heaps of the Aleutian Islands. Pp. 41-91, 10 pls., 9 figs.

On the origin of the Innuít. Pp. 93-106.

Appendix to Part I. Linguistics. Pp. 107-156.

Notes on the natives of Alaska (communicated to the late George Gibbs, M.D., in 1862), by His Excellency J. Furuhelm, late Governor of the Russian-American colonies. Pp. 111-116.

Terms of relationship used by the Innuít: a series obtained from natives of Cumberland Inlet, by W. H. Dall. Pp. 117-119.

Vocabularies [by George Gibbs and W. H. Dall]. Pp. 121-153.

Note on the use of numerals among the T'sim si-an', by George Gibbs. Pp. 155-156.

Part II. Tribes of western Washington and northwestern Oregon, by George Gibbs. Pp. 157-241, pocket map.

Appendix to Part II. Linguistics. Pp. 243-361.

Vocabularies [by George Gibbs, Wm. F. Tolmie, and G. Mengarini]. Pp. 247-283.

Dictionary of the Niskwalli [Niskwalli-English and English-Niskwalli], by George Gibbs. Pp. 285-361.

Volume 2, 1890 [1891]:

The Klamath Indians of southwestern Oregon, by Albert Samuel Gatschet.

Two vols., CVII + 711 pp., map; III + 711 pp.

## Volume 3, 1877:

Tribes of California, by Stephen Powers. 635 pp., frontispiece, 44 figs. (including 42 pls.), 3 pp. music, pocket map.

Appendix. Linguistics, edited by J. W. Powell. Pp. 439-613.

## Volume 4, 1881:

Houses and house life of the American aborigines, by Lewis H. Morgan. xiv + 281 pp., frontispiece, 56 figs. (including 28 pls.).

## Volume 5, 1882:

Observations on cup-shaped and other lapidarian sculptures in the Old World and in America, by Charles Rau. 112 pp., 61 figs. (forming 35 pls.). 1881.

On Prehistoric trephining and cranial amulets, by Robert Fletcher, M.R.C.S. Eng., act. asst. surgeon U.S. Army. 1882. 32 pp., 9 pls., 2 figs.

A study of the manuscript Troano, by Cyrus Thomas, Ph. D., with an introduction by D. G. Brinton, M.D. xxxvii + 237 pp., 9 pls., 101 figs., 25 small unnumbered cuts.

## Volume 6, 1890 [1892]:

The Čegiha language, by James Owen Dorsey. xviii + 794 pp.

## Volume 7, 1890 [1892]:

A Dakota-English dictionary, by Stephen Return Riggs, edited by James Owen Dorsey. x+665 pp.

Volume 8: *Not published.*

## Volume 9, 1893 [1894]:

Dakota grammar, texts, and ethnography, by Stephen Return Riggs, edited by James Owen Dorsey. xxxii+ 239 pp.]

## INTRODUCTIONS

*(All volumes of this series are out of print)*

(1) Introduction to the study of Indian languages, with words, phrases, and sentences to be collected, by J. W. Powell. [Seal of the Department of the Interior.] 104 pp., 10 blank leaves. 1877.

*Second edition as follows:*

(2) Introduction to the study of Indian languages with words, phrases, and sentences to be collected, by J. W. Powell. Second edition. xi, 228 pp., 10 blank leaves, 4 kinship charts in pocket. A 16° "Alphabet" of 2 leaves accompanies the work. 1880.

(3) Introduction to the study of sign languages among the North American Indians as illustrating the gesture speech of mankind, by Garrick Mallery, brevet lieutenant colonel, U.S. Army. iv, 72 pp., 33 unnumbered figs. 1880.

(4) Introduction to the study of mortuary customs among the North American Indians, by Dr. H. C. Yarrow, acting assistant surgeon, U.S. Army. 4°. ix+114 pp. 1880.



## MISCELLANEOUS PUBLICATIONS

(All publications in this series except No. 10 are out of print)

(1) A collection of gesture signs and signals of the North American Indians with some comparisons, by Garrick Mallery, brevet lieutenant colonel and formerly acting chief signal officer, U.S. Army. 4°. 329 pp. 1880.

*Note.*—250 copies printed for use of collaborators only.

(2) Proof-sheets of a bibliography of the languages of the North American Indians, by James Constantine Pilling. 4°. xl + 1135 pp., 29 pls. (facsimiles). 1885.

*Note.*—Only 110 copies printed for the use of collaborators, 10 of them on one side of the sheet. It was the intention to have this Bibliography form Volume X of the Contributions to North American Ethnology, but the work assumed such proportions that it was subsequently deemed advisable to publish it as a part of the series of bulletins, devoting a bulletin to each linguistic stock. Owing to Pilling's death the plan was not carried out. To date bibliographies of the following linguistic stocks have been published: Eskimo (Bull. 1); Siouan (Bull. 5); Iroquoian (Bull. 6); Muskogean (Bull. 9); Algonquian (Bull. 13); Athapascan (Bull. 14); Chinookan, including Chinook jargon (Bull. 15); Salishan (Bull. 16); and Wakashan (Bull. 19).

(3) Linguistic families of the Indian Tribes north of Mexico, with provisional list of the principal tribal names and synonyms. 16°. 55 pp. [1885].

*Note.*—A few copies printed for the use of the compilers of a Dictionary of American Indians [Handbook. See Bulletin 30]. It is without title page, name, or date, but was compiled from a manuscript list of Indian tribes by James Mooney.

(4) [Map of] Linguistic stocks of American Indians north of Mexico, by J. W. Powell. [1891.]

*Note.*—A limited edition of this map, which forms plate 1 of the Seventh Annual Report, was issued on heavy paper, 19 by 22 inches, for the use of students. This map was revised and published in the Report on Indians Taxed and Not Taxed in the United States at the Eleventh Census, 1890. (See Note 7.).

(5) Tribes of North America, with synonymy. Skittagetan Family. [1890] 4°. 13 pp. [1890.]

*Note.*—A few copies printed for the use of the compilers of the Handbook of American Indians. It was prepared by H. W. Henshaw, and contains two samples of style for the Handbook, the second beginning on page 7 with the head, "Dictionary of Indian Tribal Names." (See Bulletin 30).

(6) [Advance Pages] Dictionary of American Indians north of Mexico. [Vignette]. 8°. 33 pp. 1903.

*Note.*—Prepared by F. W. Hodge. Two hundred and fifty copies printed by the Smithsonian Institution for the use of the compilers of the Dictionary [Handbook. See Bulletin 30].

(7) [Map of] Linguistic stocks of American Indians north of Mexico, by J. W. Powell. [1906.]

*Note.*—Printed on heavy paper in advance of the Handbook of American Indians (Bulletin 30), part 1, of which it forms an illustration.

(8) Article on Bureau of American Ethnology with list of publications. *Reprinted from* Handbook of American Indians, Bulletin 30 (pt. 1, pp. 171-176), Bureau of American Ethnology. 8°. 5 pp. [1906.]

(9) Indian missions North of Mexico, by James Mooney. *Reprinted from Handbook of American Indians*, Bulletin 30 (pt. 1, pp. 874-909), Bureau of American Ethnology. Washington, 8°. 39 pp. 1907.

(10) Circular of information regarding Indian popular names. 8°. 8 pp. [1915.] (Revised edition 1926.)

(11) [Map of] Linguistic families of American Indians north of Mexico, by J. W. Powell. Revised by members of the staff of the Bureau of American Ethnology. 1915. (Revised edition 1926.)

(12) List of publications of the Bureau of American Ethnology, with index to authors and titles. Revised to June 30, 1944. 68 pp. 1944.

(13) List of publications of the Bureau of American Ethnology, with index to authors and titles. Revised to June 30, 1949. 101 pp. 1949.

(14) List of publications of the Bureau of American Ethnology, with index to authors and titles. Revised to June 30, 1956. 112 pp. 1956.

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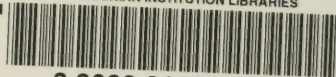








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